

SPE RESPONSE FOR CERTIFICATE OF CORRECTION

Paper No.: _____

DATE : 03/30/11

TO SPE OF : ART UNIT: 1784 Attn: ZIMMERMAN JOHN J

SUBJECT : Request for Certificate of Correction for Appl. No.: 10/559641_Patent No.: 7517591

C of C Mailroom date: 03/21/11

Please respond to this request for a certificate of correction within 7 days.

FOR IFW FILES:

Please review the requested changes/corrections as shown in the **COCIN** document(s) in the IFW application image. No new matter should be introduced, nor should the scope or meaning of the claims be changed.

Please complete the response (see below) and forward the completed response to scanning using document code **COCX**.

FOR PAPER FILES:

Please review the requested changes/corrections as shown in the attached certificate of correction. Please complete this form (see below) and forward it with the file to:

**Certificates of Correction Branch (CofC)
Randolph Square – 9D10-A
Palm Location 7580**

**Tasneem Siddiqui
Certificates of Correction Branch
703-756-1593 or 703-756-1814**

Thank You For Your Assistance

The request for issuing the above-identified correction(s) is hereby:

Note your decision on the appropriate box.

☐ **Approved**

All changes apply.

☐ **Approved in Part**

Specify below which changes **do not** apply.

☐ **Denied**

State the reasons for denial below.

Comments: _____

SPE

Art Unit

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 4PATENT NO. : 7,517,591 *B2*

APPLICATION NO.: 10/559,641

ISSUE DATE : April 14, 2009

INVENTOR(S) : Tatsuya MIYOSHI et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 15, lines 49 and 50, replace "quaternary chlorination agent" with --quaternization agent--.

Column 16, line 52, replace "quaternary chlorinating agent" with --quaternization agent--;

, line 57, replace "quaternary chlorinating agent" with --quaternization agent--;

, line 60, replace "quaternary chlorinating agent" with --quaternization agent--;

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Richard S. Barth, Esq.

HOLTZ HOLTZ GOODMAN & CHICK PC, 220 Fifth Avenue, New York, NY 10001-7708

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTIONPage 2 of 4PATENT NO. : 7,517,591 *Bz*

APPLICATION NO.: 10/559,641

ISSUE DATE : April 14, 2009

INVENTOR(S) : Tatsuya MIYOSHI et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column ¹⁶~~15~~, line 64, replace "quaternary chlorinating agent"
with --quaternization agent--;

, line 65, replace "dimethylethanolamine" with
--dimethylethanolamine--.

Column 23, lines 10 and 11, replace "quaternary chlorination
agent" with --quaternization agent--;

, line 13, replace "quaternary chlorinating agent"
with --quaternization agent--;

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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**Page 3 of 4PATENT NO. : 7,517,591 B2

APPLICATION NO.: 10/559,641

ISSUE DATE : April 14, 2009

INVENTOR(S) : Tatsuya MIYOSHI et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 23, line 18, replace "quaternary chlorinating agent"
with --quaternization agent--;

, line 21, replace "quaternary chlorinating agent"
with --quaternization agent--;

, line 25, replace "quaternary chlorinating agent"
with --quaternization agent--;

, line 26, replace "dimethylethanolamine" with
--dimethylethanolamine--.

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTIONPage 4 of 4PATENT NO. : 7,517,591 B2

APPLICATION NO.: 10/559,641

ISSUE DATE : April 14, 2009

INVENTOR(S) : Tatsuya MIYOSHI et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 34, lines 11 to 12, replace "quaternary chlorination agent" with --quaternization agent--.

Column 35, line 3, replace "quaternary chlorinating agent" with --quaternary agent--;

, line 8, replace "quaternary chlorinating agent" with --quaternization agent--;

, line 12, replace "quaternary chlorinating agent" with --quaternization agent--;

, line 16, replace "quaternary chlorinating agent" with --quaternization agent--.

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